

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	267	affine function	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:47
L4	1	3 and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:47
L5	8173	affine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:48
L6	17	affine AND uwb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:48
L7	1	"20030095609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:22
L9	22	control with add\$4 with digital with modify with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:28
L10	1	9 and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:28
L11	18	(US-20030095609-\$ or US- 20030058963-\$ or US- 20020176511-\$ or US- 20020133334-\$).did. or (US- 6483461-\$ or US-6529568-\$ or US-6556621-\$ or US- 6636566-\$ or US-6717992-\$ or US-7492811-\$ or US- 7397870-\$ or US-7269427-\$ or US-7313127-\$ or US- 7436909-\$ or US-5684920-\$ or US-7411758-\$ or US- 6552677-\$ or US-5337054-\$). did.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 16:29
L12	16	11 and control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:30
L13	141	control with change with window with (add\$4 or sum \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:37
L15	4349	control with modify with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:40
L16	0	digital window addition means	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:41

L17	0	digital near3 window near3 addition near3 means	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:41
L18	12	digital near3 window near3 addition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:41
L19	16	digital near3 (window or time slot or pulse train) near3 addition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:43
L20	29	UWB and control and Fischer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 16:46
L21	8	"20030058963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 17:14
L22	71	control near5 pulse near5 amplitude and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 17:19
L23	3	control near5 pulse near5 amplitude near5 level and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 17:20
L24	0	control near5 pulse near5 amplitude and max\$5 UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 17:22
L25	18	"6483461"	US-PGPUB; USPAT	ADJ	ON	2009/06/01 18:28
L27	1	((ROMAN) near2 (MERZ)). INV.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 18:51
L28	1	((CYRIL) near2 (BOTTERON)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 18:51
L29	56	((PIERRE-ANDRE) near2 (FARINE)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 18:51
L30	19	29 and amplitude	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 18:52
L31	7	29 and amplitude and noise	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 18:52
L32	2	29 and (amplitude and noise). clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 18:53
S4	1	("6483461").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 14:38
S5	0	"2003095609"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 14:39
S6	45	COWIE I VAN	US-PGPUB; USPAT	ADJ	ON	2009/05/26 14:41
S7	1	"10597067"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 15:10
S8	2	"20070147476"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/26 15:13

S9	36	temporal with reception with windows	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/26 16:09
S12	964	high\$4 with noise with amplitude with pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/26 16:34
S13	8	UWB and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/26 16:35
S15	1	"20030095609"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:35
S16	0	"2003058963"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:41
S17	8	"20030058963"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:42
S18	7854	UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:45
S19	912	S18 and (pulse near4 amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:46
S20	8121364	@pd<="20041221"	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:46
S21	227	S20 and S19	US-PGPUB; USPAT	ADJ	ON	2009/05/26 17:47
S22	2699	(375/247,346,325).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/26 18:27
S23	58	S22 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/26 18:27
S24	9	(US-20030095609-\$ or US-20030058963-\$ or US-20020176511-\$).did. or (US-6483461-\$ or US-6529568-\$ or US-6556621-\$ or US-6636566-\$ or US-6717992-\$ or US-7492811-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/05/27 11:16
S25	2	S24 and noise near4 amplitude	US-PGPUB; USPAT	ADJ	ON	2009/05/27 11:17
S26	0	S24 and synch\$4 near4 frame	US-PGPUB; USPAT	ADJ	ON	2009/05/27 12:10
S27	1	S24 and synch\$4	US-PGPUB; USPAT	ADJ	ON	2009/05/27 12:10
S28	0	S24 and synch\$8 near4 frame	US-PGPUB; USPAT	ADJ	ON	2009/05/27 12:10
S29	7	S24 and synch\$8 and frame	US-PGPUB; USPAT	ADJ	ON	2009/05/27 12:11
S30	0	S24 and synch\$8 with frame	US-PGPUB; USPAT	ADJ	ON	2009/05/27 12:11
S31	1	"10597067"	US-PGPUB; USPAT	ADJ	ON	2009/05/27 13:14

S32	0	S24 analogue near4 digital	US-PGPUB; USPAT	ADJ	ON	2009/05/27 14:02
S33	5	S24 and analogue near4 digital	US-PGPUB; USPAT	ADJ	ON	2009/05/27 14:02
S34	0	S24 and analogue near4 digital near4 demodulator	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:29
S35	2809	analogue near4 digital near4 demodulator	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:29
S36	88649	("375").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/05/27 16:29
S37	874	S35 and S36	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:29
S38	716	"20" and S37	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:30
S39	14	S38 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:30
S40	8	"20030058963"	US-PGPUB; USPAT	ADJ	ON	2009/05/27 16:56
S41	38	(window or FEN or period) with (noise or interference) with (add or sum) with (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:29
S42	2	(window or FEN or period) near4 (noise or interference) near4 (add or sum) with (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:36
S43	2	(add\$4 or sum) near4 (window or period or "time period" or sub\$1window) near4 (amplitude) near4 (greater or larger or max\$5) near4 (noise or interference)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:40
S44	0	(add\$4 or sum) with (window or sub\$1window) near4 (amplitude) near4 (greater or larger or max\$5) near4 (noise or interference)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:41
S45	2	(add\$4 or sum) with (window or sub\$1window) with (amplitude) near4 (greater or larger or max\$5) near4 (noise or interference)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:41
S46	2	(add\$4 or sum) with (window or sub\$1window) with (amplitude) near4 (greater or larger or max\$5) with (noise or interference)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:43
S47	1	(add\$4 or sum) near4 (pulse trains) near4 (noise or amplitude) near4 (greater or larger or high\$4 or big\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:53

S48	12	(add\$4 or sum) near4 ("pulse trains" or windows) near4 (noise or amplitude) near4 (greater or larger or high\$4 or big\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 10:54
S49	12	(add\$4 or sum) near4 ("pulse trains" or window) near4 (noise or amplitude) near4 (greater or larger or high\$4 or big\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:00
S50	77	(add\$4 or sum) with ("pulse trains" or window) with (noise or amplitude) with (greater or larger or high\$4 or big\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:02
S51	4	(add\$4 or sum) with ("pulse trains" or window) with (noise) with (greater or larger or high\$4 or big\$4) with (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:04
S52	4	(add\$4 or sum) with ("pulse train groups" or window) with (noise) with (greater or larger or high\$4 or big\$4) with (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:09
S53	4	(add\$4 or sum) with ("pulse train groups" or window) with (noise) with (greater or large\$4 or high\$4 or big\$4) with (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:10
S54	0	(window or FEN or period) near (noise or interference) near (add or sum) near (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:13
S55	1	(window or FEN or period) near5 (noise or interference) near5 (add or sum) near5 (amplitude)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:13
S56	1	"10597067"	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:35
S57	2243	UWB and window	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:39
S58	716	UWB and window and amplitude and noise	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:39
S59	66	UWB and window SAME amplitude same noise	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:41
S60	66	UWB and windows SAME amplitude same noise	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:41
S61	0	"noise amplitude" near3 lower near3 (sum or add\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:55
S62	11	"noise amplitude" with lower with (sum or add\$4)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:56

S63	47	"noise amplitude" level	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:59
S64	1	"noise amplitude" level near2 lower	US-PGPUB; USPAT	ADJ	ON	2009/05/28 11:59
S67	4	digital windows near4 (sum or add\$5)	US-PGPUB; USPAT	ADJ	ON	2009/05/28 12:57
S71	1	(identical or "same") near4 polarity near4 correlate	US-PGPUB; USPAT	ADJ	ON	2009/05/28 13:15
S72	77	polarity near4 correlate	US-PGPUB; USPAT	ADJ	ON	2009/05/28 13:16
S73	2	(polarity near4 correlate) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 13:16
S74	1	"10597067"	US-PGPUB; USPAT	ADJ	ON	2009/05/28 13:27
S75	1	"20030095609"	US-PGPUB; USPAT	ADJ	ON	2009/05/28 13:36
S76	0	add up the analogue windows	US-PGPUB; USPAT	ADJ	ON	2009/05/28 15:53
S77	3	add near4 analogue near4 windows	US-PGPUB; USPAT	ADJ	ON	2009/05/28 15:54
S78	2610	interpolation algorithm	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:08
S79	7	(interpolation algorithm) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:08
S80	80	(interpolation algorithm) and wideband	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:15
S83	352	(interpolation) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:16
S84	38784	control near4 amplitude	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:18
S85	243	control near4 amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:18
S87	30	(add or sum) near4 (window or "pulse trains") near4 digital	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:24
S89	688	estimat\$4 near4 time near4 arrival near4 signals	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:42
S90	37	S89 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:43
S91	713	(estimat\$4 near4 time near4 arrival near4 signals) OR (TOA near2 (means or block))	US-PGPUB; USPAT	ADJ	ON	2009/05/28 16:59
S92	37	S91 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:00
S93	0	S92 NOT S90	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:00
S94	66	(TOA near3 (means or block))	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:01

S95	5	S94 AND uwb	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:01
S96	1218	absolute with maximum with amplitude	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:24
S97	5	S96 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:24
S98	541	absolute NEAR4 maximum NEAR4 amplitude	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:34
S99	3	S98 and UWB	US-PGPUB; USPAT	ADJ	ON	2009/05/28 17:35
S104	36	amplitude near5 (window or "time slot") and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:09
S105	5	amplitude near5 (window or "time slot") near5 (add\$4 or sum\$5) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:09
S106	1	calculate near5 amplitude near5 (window or "time slot") and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:25
S107	62	calculate near5 amplitude near5 (window or "time slot")	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:26
S108	4505	(375/259,260).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/01 10:32
S109	1812	S108 and (predetermined near4 threshold near4 level) or (noise near4 floor near4 level)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:36
S110	217	S108 and (window or (receiving near3 time near3 period)) SAME1 (increase\$3 or (time near3 added))	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:40
S112	209	S108 AND uwb	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:43
S113	15	S112 and S109	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:44
S114	3470	(375/260).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/01 10:55
S116	1952	S114 and amplitude	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:55
S117	30	S108 and (window or (receiving near3 time near3 period)) near5 (increase\$3 or (time near3 added))	US-PGPUB; USPAT	ADJ	ON	2009/06/01 10:58
S118	30	S108 and (window or (receiving time period)) near5 (increase\$3 or (time near3 added))	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:00
S119	64	(calculate or gather) near5 amplitude near5 (window or "time slot")	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:52

S120	1	(calculate or gather) near5 amplitude near5 (window or "time slot") and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:52
S121	23	(calculate near3 amplitude) AND UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:55
S122	16	(US-20030095609-\$ or US-20030058963-\$ or US-20020176511-\$ or US-20020133334-\$).did. or (US-6483461-\$ or US-6529568-\$ or US-6556621-\$ or US-6636566-\$ or US-6717992-\$ or US-7492811-\$ or US-7397870-\$ or US-7269427-\$ or US-7313127-\$ or US-7436909-\$ or US-5684920-\$ or US-7411758-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:22
S123	8	S122 and zero crossing	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:22
S124	7	S122 and zero crossing and envelope	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:23
S126	0	calculate near3 (zero crossing or zero point) near3 (envelope)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:30
S127	4	(calculate or determine) with (zero crossing or zero point) near3 (envelope)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:31
S128	0	(calculate or determine) with (positive envelope) with (zero crossing or zero point)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:33
S129	2	(calculate or determine) with (positive near3 envelope) with (zero crossing or zero point)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:34
S130	18	envelope SAME1 interpolation algorithm	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:38
S131	2	envelope SAME1 interpolation algorithm and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:49
S132	26	envelope SAME1 interpolation and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:50
S133	109	envelope SAME1 (interpolation OR FILTERING) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:51
S134	110	envelope SAME1 (interpolation OR FILTERING OR UP\$1CONVERSION) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:52
S135	19	envelope NEAR6 (interpolation OR FILTERING OR UP\$1CONVERSION) and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 12:53

S136	119	estimated near3 noise near3 amplitude	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:11
S137	3	estimated near3 noise near3 amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:11
S138	6	estimate\$3 near3 noise near3 amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:13
S139	6	estimate\$3 near3 (noise or interference) near3 amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:14
S140	244	estimate\$4 near3 noise near3 amplitude	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:14
S141	76	estimate\$4 near3 noise near3 amplitude and pulse	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:15
S142	6	(estimate\$4 or calculate) near5 noise near3 amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:18
S143	6	S142 OR S139	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:19
S144	12	(estimate\$4 or calculate) WITH noise WITH amplitude and UWB	US-PGPUB; USPAT	ADJ	ON	2009/06/01 14:19
S145	12	(estimate\$4 or calculate) WITH noise WITH amplitude and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:20
S146	1	"2003198308"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:29
S147	8	"20030198308"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:30
S148	2	"20040002347"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:31
S149	8	"20030058963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:35
S150	3541	noise amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:45
S151	28	S150 and S108	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 14:46
S152	1	estimate with rising with edge with envelope	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:06
S153	245	rising with edge with envelope	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:07
S154	3	S153 and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:08

S155	103	rising with edge with envelope AND NOISE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:09
S156	425	(identify or estimate or find or gather or calculate) near4 (noise near4 amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:11
S157	3	S156 and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:12
S158	3429	threshold WITH noise with amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:18
S159	15	S158 and UWB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 15:18

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